

CLAIMS

We claim:

1. A method comprising:

(a) moving a first note bounding a stack of notes, in a first direction from the
5 stack in engagement with at least one picking member;

(b) engaging the first note and notes other than the first note with at least one
stripper member, wherein generally notes other than the first note are prevented
from moving from the stack;

(c) sensing with at least one sensor before the first note has disengaged from the
10 stack, that at least one additional note has moved with the first note from the stack
past the at least one stripper member;

(d) responsive to (c), moving the at least one additional note in a second
direction opposed of the first direction relative to the first note.

2. The method according to claim 1 wherein (d) includes moving the at least one additional note in the second direction more rapidly than the first note.

3. The method according to claim 1 wherein (d) includes moving the at least one additional note in the second direction while the first note is held stationary.

5 4. The method according to claim 1 wherein (d) includes moving the at least one additional note in the second direction for a longer period of time than the first note is moved in the second direction.

10 5. The method according to claim 1 wherein (a) includes urging the first note to move in the first direction by moving at least one moving member that is in supporting connection with the stack.

6. The method according to claim 5 wherein (d) includes urging the first note to move in the second direction through moving the at least one moving member in the second direction.

7. The method according to claim 1 and further comprising:

(e) determining if each first note moved from the stack has at least one characteristic associated with a valid note through operation of at least one validator device.

8. The method according to claim 7 and further comprising:

(f) moving notes determined to have the at least one characteristic of validity in (e), toward at least one first storage location.

9. The method according to claim 8 and further comprising:

5 (g) moving sheets determined as not having the at least one characteristic of validity in (e), toward at least one second storage location.

10. The method according to claim 9 wherein in (g) the at least one second storage location is included in a module with the at least one validator.

10 11. The method according to claim 10 wherein in (f) the at least one first storage location is within a chest portion of an automated banking machine.

12. The method according to claim 11 and further comprising:

(h) dispensing notes from the automated banking machine, wherein the dispensed notes are removed from at least one storage location in the chest portion.

13. The method according to claim 12 wherein the notes dispensed in (h) include notes previously determined as having the at least one characteristic of validity in (e).

14. The method according to claim 9 wherein (b) includes engaging notes other than the first note with at least one contact stripper member and at least one non-contact stripper member.

5 15. The method according to claim 14 wherein in (b) the at least one contact stripper member biasingly engages the at least one picking member when no note extends therebetween.

16. The method according to claim 15 wherein in (b) the at least one non-contact stripper member is disposed from the at least one picking member.

10 17. The method according to claim 16 wherein the picking member includes at least one annular recess, and wherein the at least one non-contact stripper member extends in the at least one annular recess, and wherein in (b) a cross sectional wave configuration is imparted to the first note.

18. The method according to claim 10 and prior to (a) further comprising:

receiving the stack of notes in a chute, wherein the module includes the chute.

19. The method according to claim 18 and prior to receiving the stack of notes in the chute, further comprising:

opening a gate bounding the chute wherein opening the gate enables the chute to receive the stack of notes.

5 20. The method according to claim 9 and prior to (a) further comprising:

receiving at least one input from a user through at least one input device of an automated banking machine, wherein the at least one input is operative to identify at least one of the user and an account;

receiving the stack of notes into the machine from the user; and

10 wherein in (a) the first note is moved from the stack within the machine.

21. The method according to claim 20 and subsequent to (g), further comprising:

crediting at least one of the user and the account a value associated with notes determined as having the at least one characteristic of validity in (e).

22. The method according to claim 21 and further comprising:

storing data in at least one data store correlating the user with notes not determined as having the at least one characteristic of validity in (e).

23. The method according to claim 20 and further comprising subsequent to (d):

5 (e) moving the first note in the first direction separately from another note.

24. A method performed in operation of an automated banking machine including at least one currency note dispenser, comprising:

(a) moving a first note bounding a stack of notes input to the machine by a user in a first direction by engagement with at least one picking member;

10 (b) engaging the first note and at least one other note in the stack with at least one stripper member as the first note moves in the first direction, wherein generally only the first note moves in the first direction past the at least one stripper member;

(c) sensing with at least one sensor notes moved past the at least one stripper member in the first direction;

(d) responsive to sensing more than one note moved in the first direction past the at least one stripper member with the at least one sensor, moving at least one note relative to the first note in a second direction opposed of the first direction.

25. The method according to claim 24 wherein (d) includes moving the first note and at least one note other than the first note in a second direction, wherein the at least one note other than the first note is moved in the second direction a distance greater than the first note is moved in the second direction.

26. A method comprising:

(a) moving at least two notes in a first direction from a stack input by a user to an automated banking machine, past at least one stripper member;

(b) responsive to (a), moving an overlying note of the at least two notes in engagement with the at least one stripper member in a second direction opposed of the first direction such that the overlying note is moved in the second direction relative to a picked note of the at least two notes, wherein the picked note is not engaged with the at least one stripper member.

27. The method according to claim 26 and further comprising:

(c) moving the picked note in the first direction such that the picked note is separated from the overlying note by the at least one stripper member.